SKYWAY User Manual

www.aguriworld.co.uk

Contents

2. What's in the box?
3. Product overview
4. Button operation explained
4. Standby screen explained
5. Installation
5. Connecting to power
6. General operation
7. Using Skyway outside of the UK
8. GPS speed trap settings
8. Smart Filter
8. Brightness control
9. On/Off volume control
9. Changing speed unit MPH/KMH
9. Speed limit alert
9. GPS clock
10. Voice alert settings
10. Checking software version number
10. Factory reset
10. Updating the speed trap database.
11. Technical specification
12. Disposal of Old Electrical & Electronic Equipment
23. Service under warranty

What's in the box?

1 X Aguri Skyway

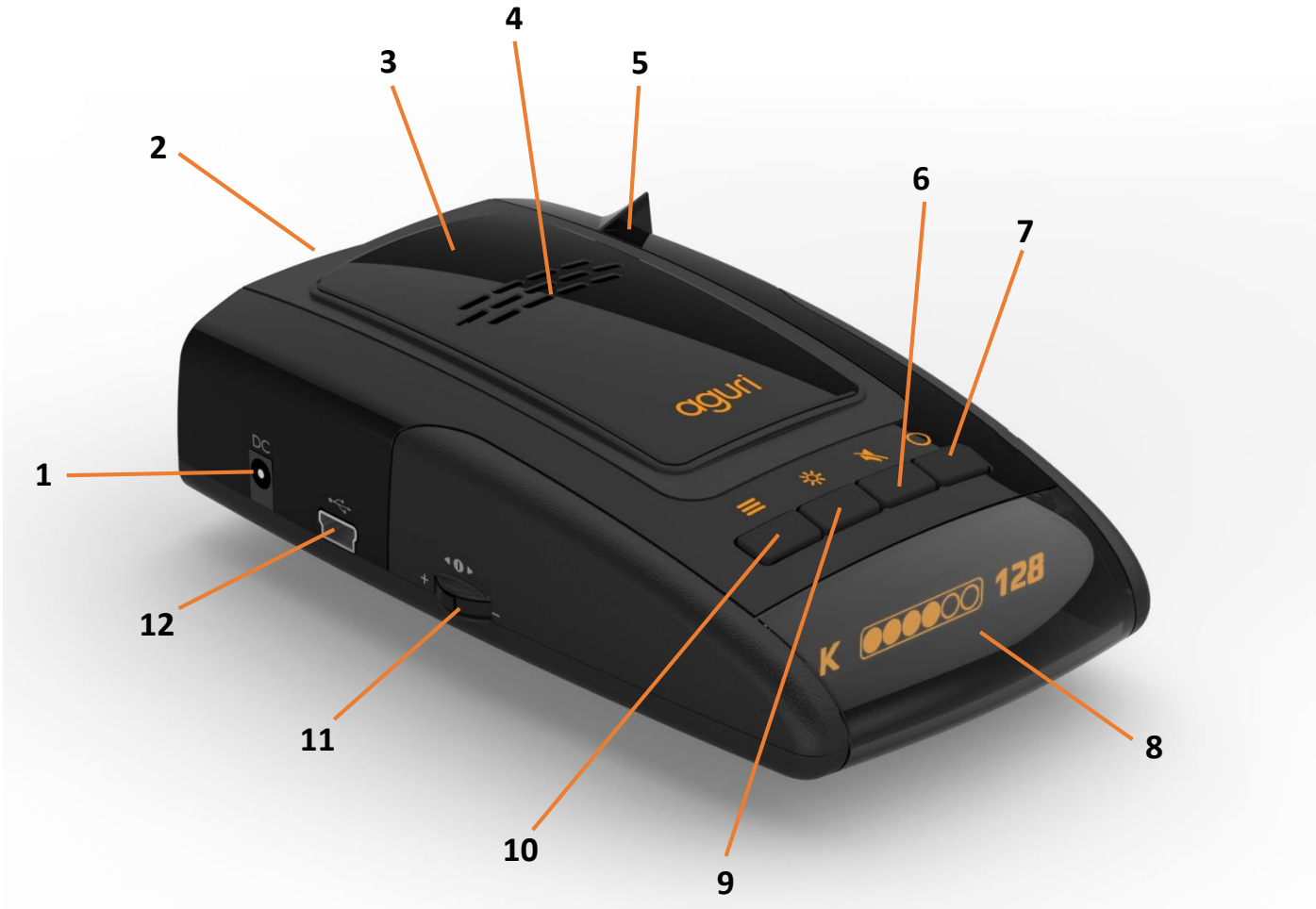
1 x USB cable

1 x 12V car power connector

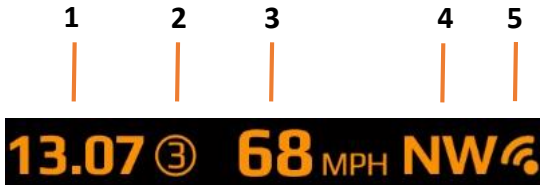
1 x Windscreen bracket

1 x User guide

Product overview



1. DC Power in.
2. Radar receiver
3. Built-in GPS antenna
4. Loud speaker
5. 360 degree laser receiver
6. Mute button
7. Smart Filter button
8. OLED display
9. Dim button
10. Menu button
11. On/Off/Volume control
12. USB socket



Button operation explained

1. Menu button
Press the Menu button once to enter the menu. The Menu button can also be used to exit the menu.

2. Dim/Plus (+) button
Press the 'Dim' button to adjust the brightness of the display between Bright, Dim or Dark.

The Dim button also doubles as the 'Plus (+)' button when scrolling through different options in the menu.

3. Mute button
Press the Mute button to 'mute' the audible alarm during an alert.

Press the Mute button to switch the AutoMute setting on or off.

The Mute button also doubles as the 'Minus (-)' button when scrolling through different options in the menu.

4. Smart Filter button
Press the Smart Filter button to change the Smart Filter setting between 1, 2 or 3.

The Smart Filter button also doubles as the 'Select/Save' button when you want to save or select a feature from within the menu.

Standby screen explained

1. Time/Clock generated via GPS.

2. Smart Filter mode selected.

3. Your current speed generated by GPS.

4. Compass/Direction of travel.

5. GPS signal strength meter. Please note that if there is no GPS signal strength a cross will appear.

Installation

Attach the windscreen bracket by sliding it in to the slot on the rear of the unit. (Attach the suction cups if they are not already attached) Using the suction cup bracket, mount your Skyway in a safe and convenient position in the front windscreen where it has an unobstructed view of the road ahead. We recommend mounting it toward the bottom of the windscreen, just above the dashboard so that it has a good view of the road ahead, but so that it's view is not obstructed by the windscreen wipers. Remember, however, that you will need to attach the power cable to the unit and plug the other end in to your cigarette lighter/12V power socket, so find a position where this can be done without obstructing or becoming a danger to the driver or passengers.

Once you have chosen a suitable location, press the suction cup bracket to the glass, ensuring that it is well secured. Finally, adjust the bracket so that the unit is in a horizontal position. Please note that you will have to gently bend the bracket to do this.

Connecting to power

Attach the small end of the power cable to the 'DC in' socket on the side of the unit. Insert the other end in to an appropriate cigarette lighter/12V socket in your vehicle.

Installation tips

Before mounting your Skyway, clean the area of the windscreen where you have chosen to mount your unit, with a good quality glass cleaner to ensure the suction cup bracket makes a good contact.

Remember to mount the unit and install the power cable safely in a location where it does not interfere with the driver or the controls of the vehicle.

It is also possible to 'hard-wire' your Skyway and hide the power cables, providing a neater installation. Please contact an auto electrician or your local car dealer for further details.

General operation.

We have shipped your Skyway with the user settings, set for optimum performance in the UK as follows:-

Radar/laser alert settings
X Band - Off
K Band On
Ka Band - Off
Laser - On

GPS alert settings
Speed trap alerts – On
Red light cameras – On
Mobile speed trap locations – On

Smart Filter – 2

AutoMute – On

Menu settings

It is however, possible to change these settings to suit your own requirements. For further information follow the instructions below.

Radar/Laser settings.

It is possible to switch individual radar frequencies on and off, to fine tune Skyway to the country you are driving in.

Enter the menu by pressing the 'menu' button. Scroll left or right, using the 'Dim' (+) or 'Mute' (-) buttons, until you highlight the radar frequency you want to change and press the 'Smart Filter' button to select. Use the 'Dim' (+) or 'Mute' (-) buttons to switch the frequency on or off and press the 'Smart Filter' button to confirm your selection. The following options are available:-

X Band – On/Off
K Band – On/Off
Ka Band – On/Off
Laser – On/Off

User notes
We recommend you keep Laser switched on at all times.

Using Skyway in other countries outside of the UK.

Below are the radar/laser set-ups we would recommend for a selection of other countries if you want to use your Skyway outside of the UK.

Germany/Austria

Radar/laser alert settings
X Band - Off
K Band On
Ka Band - On
Laser - On

GPS alert settings
Speed trap alerts – On
Red light cameras – On
Mobile speed trap locations – On

Spain/Portugal

Radar/laser alert settings
X Band - On
K Band On
Ka Band - On
Laser - On

GPS alert settings
Speed trap alerts – On
Red light cameras – On
Mobile speed trap locations – On

Italy

Radar/laser alert settings
X Band - Off
K Band On
Ka Band - On
Laser - On

GPS alert settings
Speed trap alerts – On
Red light cameras – On
Mobile speed trap locations – On

Warning. Please note that it is illegal to use a GPS/radar/laser detector in France. We do not recommend you use Skyway if driving in France.

Please note that it may be illegal to use a radar/laser detector in Spain, so please check local laws before using Skyway in Spain.

Warning. Whilst we have provided some advice on the use of GPS/radar/laser detectors above, the laws surrounding the use and ownership of GPS speed trap detectors and radar/laser speed trap detectors, varies from country to country. It is the sole responsibility of the driver to check the local laws of the country they are driving in or intend to drive in, before using Skyway or any other form of GPS speed trap detector or radar/laser speed trap detector.

GPS speed trap settings.

The GPS speed trap settings, control alerts to the locations stored in the Speedshield database that is pre-loaded in to your Skyway.

It is possible to individually switch alerts to these locations, on or off, to suit your personal requirements. The following options are available:-

Speed traps – On/Off
Red Light cameras – On/Off
Risk Zone locations – On/Off

Enter the menu by pressing the 'Menu' button. Scroll left or right, using the 'Dim' (+) or 'Mute' (-) buttons, until you highlight the speed trap/red light camera/Risk Zone location setting you want to change and press the 'Smart Filter' button to select. Use the 'Dim' (+) or 'Mute' (-) buttons to switch the speed trap/red light camera/mobile speed trap location setting on or off and press the 'Smart Filter' button to confirm your selection.

Smart Filter

There are three Smart Filter settings that can be used to reduce the amount of 'False' alerts you may get from other 'non-police' radar sources, such as automatic doors at petrol stations and supermarkets.

Smart Filter 1 – Low filtration
Smart Filter 2 – Medium filtration
Smart Filter 3 – High filtration

The current Smart Filter setting is identified on the OLED display. Press the 'Smart Filter' button once to change the setting.

Brightness control

You can choose between three levels of brightness.

Bright
Dim
Dark

Press the 'Dim' button once to change the brightness of the display screen.

On/Off/Volume control

Press the volume control in towards the unit once, to power your Skyway on and off.

Increase the volume by pulling and holding the volume control button towards you.
Decrease the volume by pushing and holding the volume control button away from you.

Speed unit - KMH/MPH

Use this feature to switch between MPH and KMH.

Enter the menu by pressing the ‘Menu’ button. Scroll left or right, using the ‘Dim’ (+) or ‘Mute’ (-) buttons, until you highlight MPH/KMH and press the ‘Smart Filter’ button to select. Use the ‘Dim’ (+) or ‘Mute’ (-) buttons to switch to between MPH or KMH and press the ‘Smart Filter’ button to confirm your selection.

Speed limit alert

Use this feature to set the unit to alert you if you exceed a pre-selected speed limit.

Enter the menu by pressing the ‘Menu’ button. Scroll left or right, using the ‘Dim’ (+) or ‘Mute’ (-) buttons, until you highlight the ‘Speed Limit’ setting and press the ‘Smart Filter’ button to select. Use the ‘Dim’ (+) or ‘Mute’ (-) buttons to select the speed limit you would like to be alerted to and press the ‘Smart Filter’ button to confirm your selection.

User tip: If you do not want to be alerted to a speed limit, set the speed limit to zero.

GPS Clock

Skyway will automatically display the time using GPS based on the GMT time zone. Use this setting to adjust the time to DST or a different time zone, depending on your location.

Enter the menu by pressing the ‘Menu’ button. Scroll left or right, using the ‘Dim’ (+) or ‘Mute’ (-) buttons, until you highlight the ‘Clock’ setting and press the ‘Smart Filter’ button to select. Use the ‘Dim’ (+) or ‘Mute’ (-) buttons to add or deduct hours from GMT as necessary and press the ‘Smart Filter’ button to save your changes.

Voice alerts

Use this feature to turn voice alerts on and off.

Enter the menu by pressing the ‘Menu’ button. Scroll left or right, using the ‘Dim’ (+) or ‘Mute’ (-) buttons, until you highlight the ‘Voice alerts’ setting and press the ‘Smart Filter’ button to select. Use the ‘Dim’ (+) or ‘Mute’ (-) buttons to switch the voice alerts on or off as necessary, and press the ‘Smart Filter’ button to save your changes.

Version

Use this feature to check the version of software your Skyway is currently using.

Enter the menu by pressing the ‘Menu’ button. Scroll left or right, using the ‘Dim’ (+) or ‘Mute’ (-) buttons, until you highlight the ‘Version’ setting and press the ‘Smart Filter’ button to select. Press the ‘Menu’ button to exit.

Factory reset.

Use this feature to return your Skyway to the original factory default settings.

Enter the menu by pressing the ‘Menu’ button. Scroll left or right, using the ‘Dim’ (+) or ‘Mute’ (-) buttons, until you highlight the ‘Reset’ setting and press the ‘Smart Filter’ button to select. Press the ‘Menu’ button to exit.

Updating the speed trap database and system software.

Your Skyway was supplied with a CD Rom containing the Aguri Skyway updater software. To update the Skyway system software or the Speedshield speed trap database, insert the CD in to your PC and follow the on-screen instructions.

User notes.
If you do not have the CD Rom, you can download the Aguri Skyway updater software from our website www.aguriworld.co.uk

Technical Specification

General
Power requirements (14.5V +/-2.0V or 12.5V - 16.5V) DC, 250mA (Negative Ground)
Temperature Range 4 to 158ºF (-20 to 70ºC)
Dimensions: Width 74mm, Length 125 mm, Height 32mm

GPS
GPS Receiver 50-channel Receiver
Acquisition Times Hot < 3 sec typical
Warm < 10 sec typical
Cold < 40 sec typical
Time to Initial Fix -148dBm typical
Tracking Sensitivity -162dBm typical
Update Rate 1/sec

Radar/laser detection
X-Band Sensitivity -105/-103dB
K-Band Sensitivity & Safety Alert -128/-125dB
Ka-Band Sensitivity
(33.800GHz) -128/-125dB
(34.300GHz) -128/-125dB
(34.700GHz) -128/-125dB
(34.940GHz) -128/-125dB
(35.500GHz) -128/-125dB

Ku-Band Sensitivity (13.435 GHz) -90/-88dB
Laser Sensitivity (Front) -129/-110dBJ

Disposal of Old Electrical & Electronic Equipment - applicable in the European Union.

If you see this symbol on a product or its packaging, it indicates that the product should not be treated as normal household waste. If you see this symbol on any product or packaging it should be handed over to an applicable collection point for the recycling of electrical equipment.

By ensuring that this product is disposed of correctly you will help prevent a potentially negative impact on the environment. In addition the recycling of materials will help to conserve natural resources. For further information about recycling please contact your local civic office or recycling centre.

Warranty

Please note that to receive technical support or service under warranty, you must first register your unit at www.aguriworld.co.uk

Having a problem with your Aguri Skyway?

Try visiting the FAQ section at www.aguriworld.co.uk. We find that most issues can be resolved there.

If you are still experiencing problems, your Aguri Skyway comes with a standard 12 month warranty. To return your unit under warranty please ship it in suitable protective packaging, using Special Delivery or an alternative insured delivery service to:-

Warranty Department
Aguri Limited
Ollershaw Lane,
Marston,
Northwich
Cheshire
CW9 6ER

Please enclose the following information:
(a) Your name, address and a full description of the problem.
(b) A telephone number where you can be reached during business hours.
(c) Your units' serial number.
(d) A copy of your proof of purchase.

Please note that the warranty will be considered void if the product:-
Has been dropped or otherwise obviously mistreated.
Has been subjected to heat, moisture or damp conditions.
Has been opened or dismantled.
Has been charged or powered with any cable or charger other than the one supplied.